

Aeryon Launches Platform for UAS Deployments



Aeryon, specialised in small unmanned aerial systems (UASs) for commercial, public safety and military applications worldwide, has introduced AeryonLive, an integrated software-as-a-service (SaaS) platform for enterprise UAS deployments. Comprised of complementary web-based solutions – AeryonLive Video and Telemetry and AeryonLive Fleet Management – the platform will evolve to offer additional capabilities throughout 2016.

Aeryon is bringing this multifaceted SaaS solution to market to enable more scalable and efficient UAS deployments in commercial and public safety segments. AeryonLive is designed to ensure the right information gets to the right people, at the right time, to enable prompt and accurate decision-making – especially for large, geographically-

dispersed fleets.

Video and telemetry

AeryonLive Video and Telemetry delivers low-latency (less than 5 seconds glass-to-glass), live video streaming with a real-time readout of critical aspects of aircraft location and performance. Ideal for first responders and critical infrastructure inspectors, the video can be delivered to any screen (from a monitor in a command centre, to a smartphone in the field) without the need for client applications, and extends control of certain aspects of the video feed to remote viewers.

Mark Fairclough, station manager at the Greater Manchester Fire and Rescue Service, said as a first-response agency, it is imperative that their chain of command sees what the SkyRanger sees, without delay. Watching the live video as well as telemetry gives everyone involved the critical data that is needed when responding to incidents. In the three months of trialling AeryonLive, it has become an indispensable asset to their UAS operations.

Fleet management

AeryonLive Fleet Management provides an online connection to the UAS to deliver deep, subsystem-level analytics on all aspects of usage and performance of the fleet. This enables UAS operators to automate record-keeping and maintain compliance with airspace regulators and insurers. Aeryon is liaising with Global Aerospace, one of the largest underwriters of aviation insurance in the world, to offer competitive terms of insurance to operators who manage their fleet and reporting data using AeryonLive Fleet Management.

Jeremy Prine, logistics manager for Talon Aerolytics said AeryonLive Fleet Management gives him the real-time, status of their aircraft and sub systems as the fleet data is automatically uploaded. This enables him to provide proactive solutions for their operations team, while minimising inefficiencies and pilot down time. In addition to lowering the inherent cost associated with flight data management, AeryonLive Fleet Management eliminates the logistics headaches associated with traditional UAS systems.

Arthur Meerdink, AVP at Global Aerospace Canada, stated that insuring small UAS for commercial use is an emergent opportunity for their business, and today the absence of real data makes it hard to assess risk of loss and write policies commensurate with that risk. Global Aerospace Canada relies on the operator to provide them with an accurate record of the status of the aircraft and the operating environment which may have contributed to the loss. They view UAS operators who utilise AeryonLive or data management systems as presenting more informative risk parameters than the typical UAS operator, and their policy terms and conditions will reflect this reality.

For more information about AeryonLive, visit www.aeryon.com/aeryonlive.

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